

# PROJECT 10073 RECORD CARD

1. DATE 11 Feb 59		2. LOCATION W of Phillipsburg, Pa.		12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical <input checked="" type="checkbox"/> Other <u>Para Flare</u> <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown	
3. DATE-TIME GROUP Local _____ GMT <u>11/0942Z</u>		4. TYPE OF OBSERVATION <input type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input checked="" type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar			
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		6. SOURCE Civilian Pilot			
7. LENGTH OF OBSERVATION 5 min		8. NUMBER OF OBJECTS 1		9. COURSE Down	
10. BRIEF SUMMARY OF SIGHTING Very bright, white flash, size of basket-ball. After flash obj fell straight down slowly. 3 commercial airliners in area.				11. COMMENTS Characteristics reported are typical of a parachute flare.	



ATIC

5 MAR 59 07 17

*the*

→ 174E4  
3-4X202

ZCZCSQP0370CZCSQB368ZCJYE465

RR RJEDSQ

DE RJEZSN 70

R 041530Z

FM COMDR 26 AIRDIV SAGE

TO RJEDSQ/COMDR AIR TECH INTELLIGENCE CENTER WPAFB

INFO RJWFAL/COMDR ADC

RJWFAL/COMDR 106TH AISS

RJEZHQ/ASST CHIEF OF STAFF INTELLIGENCE HQ USAF

RJEZHQ/OFFICE OF INFORMATION SERVICES HQ USAF

RJEDNB/COC ENR

BT

/UNCLAS/OIN 3027. UFO REPORT. REFERENCE YOUR AFCIN-4E4

2-330-E OF 18 FEB 59. OUR OIN 2081 OF 19 FEB 59 FORWARDED ALL

ADDITIONAL INFORMATION AVAILABLE TO THIS HQ. ORIGINAL REPORT

AND FOLLOW UP REPORTS WERE NOT REFERRED TO AFB NEAREST REPORTED

PLACE OF SIGHTING IN ACCORDANCE WITH PARAGRAPH 4B, AFR 200-2.

REFERRAL HAS BEEN MADE 26 FEB 59 TO COMDR 772D ACWRON, CLAYSBURG

AFS, PENNSYLVANIA, FOR ANY ADDITIONAL INFORMATION WHICH MAY BE

OBTAINED FROM LOCAL AUTHORITIES.



# UNIVERSITY of PENNSYLVANIA

PHILADELPHIA 4

FLOWER AND COOK OBSERVATORIES

1959 July 30

Executive Officer,  
Public Information Division  
Office of Information Service  
Department of the Air Force  
Washington, D.C.

Dear Sir:

Last year the Executive Officer very kindly, in reply to a request from me for information about certain fireballs which appeared in 1957, sent me a considerable amount of useful information, which can be used in the solution of the atmospheric paths and orbits of these bodies.

During the past year or so a large number of fireballs have appeared over the eastern or south eastern states, and in the cases of the five to be mentioned, I have been able to assemble a number of observations. But despite this I find it impossible to make good solutions. I am therefore writing to urgently request that you be good enough to send me copies of any or all reports in your hands, dealing with these bodies.

I may add the Hydrographic Office of the U.S. Navy has for over 30 years effectively cooperated in such work and as a consequence it has been possible to solve for many important fireballs. Such cooperation from your office, as a routine matter, would also be invaluable.

The specific bodies I now request information on are:

1958 April 20/21 Southeastern States 8:20 pm Apr. 20

1958 July 4/5 North Carolina etc. 1 ± am July 5

→ 1958 Nov. 30 South Carolina etc. 6:10 pm Nov. 30

1958 Dec. 13/14 New York, New Jersey etc. 12:42 am Dec. 14

1959 Feb. 10/11 South Carolina etc. 4:15 am Feb. 11

} all times approx.

It would be a great favor to me and useful to science if you would be good enough to send me observations dealing with these fireballs.

Very sincerely yours,

*Charles P. Olivier*

Charles P. Olivier  
Pres. American Meteor Society  
521 N. Wynnewood Ave.,  
Narberth, Pa.



# OFFICIAL FILE COPY

AFCIN-4146

✓ Fireballs

SAFIS-3 (Major L. J. Tacker)

19 AUG 1959

1. In answer to a request by Dr. Olivier, the following information is submitted:

a. 20 April 1958, 2019 EST - Two aircraft at 9000 feet altitude, located at 30 degrees 50'N 83 degrees 45'W, east of Thomasville, Georgia, sighted the following object: round, light green, increasing in intensity as it approached the aircraft. Object had a trail smaller than the diameter of object, pink, then dark compared to clouds; approach speed from the northeast toward the aircraft was like a meteor, heading southwest. Object passed between the aircraft and Cordell, Georgia in a descending curve. The glow just disappeared. Object in view for four seconds.

b. 5 July 1958, 0105 EST - At 31 degrees 30'N, 71 degrees 25'W, an aircraft at 8000 feet altitude sighted the following: an object was observed one and one-half to two miles north of aircraft; object appeared to ignite at high altitude, leaving a long trail of sparks. At about 600 feet, object burst into bright green ball of fire, lighting up entire area. A few more sparks were observed floating earthward after explosion. This same object was seen from a position of 31 degrees 30'N, 71 degrees 30'W, and 32 degrees 30'N, 70 degrees 30'W by three other aircraft.

c. 14 December 1958, Yonkers, N. Y., 0045 EST - A large meteor was observed east of Orion traveling in a southwest direction. The color was white, with a tail about as long as the distance from Betelgeux to Saiph. The meteor was in view for approximately one second.

d. 14 December 1958, east of Elmira, N. Y., 0045 EST - A brilliant light, yellow, slightly larger than a quarter, with a dark red tail seven times larger than object, was observed at a great height. It moved from southeast to northwest. Duration of sighting not reported.

e. 14 December 1958, Smithtown, N. Y., 0041 EST - A bright light, orange-blue and greenish-white, traveled south to north, observed for 10 to 15 seconds.

f. 14 December 1958, Toms River, Morristown, Wrightstown, McGuire AFB, and Lakehurst NAS, N. J., 0030-0100 EST - A round object, size of a large grapefruit, green, brilliant white, orange red, traveled in straight line from Toms River to Lakehurst NAS, as given above. Object was observed for five seconds.

COORDINATION:

HEY *for Richard R. Sharp & USNP* DATE *18 Aug 59*



c. 14 December 1958, Wilmington, Delaware and over Stillwater, Pa., 0043 EST - One object the size of a baseball, first observed 30 degrees above horizon, traveled west to east, broke into three parts, leaving a slight trail, and disappeared to the east. Object observed for five to six seconds.

h. 14 December 1958, Washington, D. C., 0043 EST - Round object, size of grapefruit, yellowish to light green, with tail similar to a comet tail. First sighted approximately overhead, disappeared 45 degrees above horizon to the north. Observed for 15 to 30 seconds.

i. 11 February 1959, south of Rockingham, N. C., 0500 EST - Round object, estimated to be 200 to 300 feet in diameter, dark green, tail was the same color, 200 feet long. First observed overhead, disappeared below horizon to the south. Observed for ten seconds.

j. 11 February 1959, Shaw AFB, S. C., 0415 EST - Round, size of grapefruit at arm's length, white with a blue-red tail about two to three times the diameter of the object. Object traveled in a southwest direction. Observed for five to ten seconds.

k. 11 February 1959, north of Fageland, S. C., 0420 EST - A bright white light with green ring around it was observed overhead, traveling to the southwest, and disappeared over the horizon. Size of object was between that of a grapefruit and a basketball. Observed for 30 seconds.

l. Attached is a copy of a United Press Release concerning a sighting on 20 April 1958, which occurred over the southeastern part of the United States.

FOR THE COMMANDER:

*+ MPost 8/18/59*  
GORDON C. HOFFMAN  
Colonel, USAF  
Actg. Deputy for Sciences  
and Components

1 Atch:  
Cy United Press Release



DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE DIVISION  
UNCLASSIFIED MESSAGE

I N C O M I N G

OZCHQE780ZCSNA001

RR RJEZHQ

DE RJEZSN 105R

R 191930Z

FM COMDR 26 AIRDIV SAGE SYRACUSE NY

TO RJWFAL/COMDR ADC

RJEDSQ/COMDR AIR TECH INTELLIGENCE CENTER WPAFB

RJEZHQ/ASST CHIEF OF STAFF INTELLIGENCE HQ USAF

RJEZHQ/OFFICE OF INFO SERVICES HQ USAF

INFO RJEDN/COC ENR

RJWFAL/COMDR 1006TH AISS ENT AFB

BT

/UNCLAS/OIN 2081. REF OCO 2050, 11 FEB 59. SUBJECT UFO RPT.

AMPLIFICATION OF EARLIER RPT IS AS FOLLOWS:

A. (6) WHITE FLASH

(7) NONE

(8) NONE

(9) REAL BRIGHT

B. (3) 20,000 FT

(6) 5 MINUTES

F. (2) NONE

G. (1) GOOD

AF IN : 461 (20 Feb 59) Page 1 of 2 Pages

17 FEB 59  
SAF-15  
Full  
LW  
Jed



DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE DIVISION  
UNCLASSIFIED MESSAGE

I N C O M I N G

PAGE TWO RJEZSN 105

(2) NONE

(3) UNKNOWN

(4) GOOD

(5) NONE

(6) NONE

H. (1) UNKNOWN

I. (1) NONE

J. (1) EAST 20,000FT

K. 26TH NORAD DIVISION COMBAT CENTER CHIEF RECEIVED RPT FROM  
N.Y. AIR ROUTE TRAFFIC CONTROL, WHO RECEIVED A RADIO RPT FROM  
PILOTS FLYING ABOVE LISTED A/C. EFFORTS TO OBTAIN A MORE  
COMPLETE RPT FROM N.Y. AIR ROUTE TRAFFIC CONTROL PROVED TO BE  
NEGATIVE.

L. (1) NONE

BT

19/2151Z FEB RJEZSN

NOTE : 2050 1s AF IN 21763 (11 Feb 59)

ACTION : CIN

INFO : OOP, SAFIS

AF IN : 461 (20 Feb 59) Page 2 of 2 Pages

A/kr



SMD/B 285

CZCHQD490ZCSNA179

PP RJEZHQ

DE RJEZSN 97

P 112130Z

FM COMDR 26 NORAD DIV SYRACUSE NY

TO RJWFAL/COMDR ADC

RJEDSQ/COMDR AIR TECH INTELL CENTER WPAFB

RJEZHQ/ASST COFS INTELL HQ USAF

RJEZHQ/OFFICE OF INFO SERVICES HQ USAF

INFO RJEDNB/COC ENR

RJWFAL/COMDR 1006 AISS ENT AFB

BT

/UNCLAS/OCO 2050. UFO REPORT:

A. (1) UNKNOWN

(2) BASKETBALL

(3) WHITE

(4) ONE

(5) N/A

(6) UNKNOWN

(7) UNKNOWN

(8) N/A

(9) LARGE WHITE FLASH

AF IN : 21763 (11 Feb 59) Page 1 of 3 Pages

DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE DIVISION  
UNCLASSIFIED MESSAGE

INCOMING

11/09422

30mi N. PHILLIPSBURG, NJ

ASTRO (METEOR)

11 FEB 59

SAFIS



PAGE TWO RJEZSN 97

DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE DIVISION  
UNCLASSIFIED MESSAGE

**I N C O M I N G**

B. (1) BRIGHT FLASH

(2) UNKNOWN

(3) UNKNOWN

(4) AFTER FLASH WENT STRAIGHT DOWN

(5) SLOW TOWARD GROUND

(6) UNKNOWN

C. (1) AIR - VISUAL

(2) NONE

(3) 3 COMMERCIAL AIRLINERS: UNITED 95, UNITED 91, AMERICAN  
6621. HEADING EAST ON AIRWAYS, VICTOR 188.

D. (1) 11/0942Z FEB 59

(2) NIGHT

E. REPORTING AIRCRAFT WERE FLYING AIRWAYS, VICTOR 188 AND REPORTED  
FLASH TO BE APPROXIMATELY 30 MILES NORTH OF PHILLIPSBURG, PENNA.

F. UNKNOWN

G. UNKNOWN

H. UNKNOWN

I. NONE

J. UNKNOWN

K. 26TH NORAD DIVISION COMBAT CENTER CHIEF. REASON OR CAUSE OF THE

AF IN : 21763 (11 Feb 59) Page 2 of 3 Pages



PAGE THREE RJEZSN 97

FLASH IS UNKNOWN.

L. NONE.

BT

11/2155Z FEB RJEZSN

ACTION: CIN

INFO : OOP, SAFIS

AF IN : 21763 (11 Feb 59) Page 3 of 3 Pages

DB/jlh

DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE DIVISION  
UNCLASSIFIED MESSAGE

INCOMING



JOINT MESSAGEFORM				SECURITY CLASSIFICATION  UNCLASSIFIED			
SPACE BELOW RESERVED FOR COMMUNICATION CENTER							
FEB 19 21 00 '59							
PRECEDENCE		TYPE MSG (Check)		ACCOUNTING SYMBOL	ORIG. OR REFERS TO	CLASSIFICATION OF REFERENCE	
ACTION ROUTINE		BOOK	MULTI	SINGLE	AF	OCO 2050	UNCL
INFO				X			
FROM:  COMDR, ATIC						SPECIAL INSTRUCTIONS  <div style="text-align: center; font-size: 1.5em; transform: rotate(-90deg);">1021 2203121</div> <div style="text-align: center; font-size: 1.5em; transform: rotate(-90deg);">C11A</div>	
TO: COMDR, 26TH NORTH AMERICAN AIR DIV, STEWART AFB, N. Y.							
/UNCLASSIFIED/FROM: AFCIN-4E4							
REF YOUR MSG OCO 2050, DTD 11 FEB 59. THE INFO SUBMITTED IS VERY LIMITED IN NATURE, PREVENTING A PROPER ANALYSIS BEING MADE. REQUEST AN INVESTIGATION IN ACCORDANCE WITH AFR 200-2 TO ENABLE THIS CENTER TO FORM A VALID CONCLUSION. SPECIFICALLY, WHAT WAS THE AZIMUTH AND ELEVATION OF OBJECT WHEN FIRST AND LAST OBSERVED? HOW LONG WAS OBJECT IN SIGHT? WHAT WAS EXACT LOCATION OF OBSERVERS AND AT WHAT ALTITUDE? WHAT WAS WEATHER CONDITION AT TIME OF SIGHTING? REQUEST A CHECK WITH THE WEATHER STATIONS IN AREA OF SIGHTING TO DETERMINE THE POSSIBILITY OF A BURSTING WEATHER BALLOON, CHECK WITH OTHER MILITARY ORGANIZATIONS TO DETERMINE IF NIGHT OPERATIONS WERE IN PROGRESS.							
COORDINATION:							
AFCIN-4E4 <i>for</i> <u>Col. Glaser</u> DATE <u>18 Feb-59</u>							
AFCIN-4E <u>AK Gilbert</u> DATE _____							
Col. Gilbert							
SYMBOL  AFCIN-4E4				SIGNATURE  <i>L. J. Harrell</i>			
TYPED NAME AND TITLE (Signature, if required)  Maj. Robert J. Friend				TYPED (or stamped) NAME AND TITLE  LOUIS J. HARRELL			
PHONE 6-9216		PAGE 1		NR. OF 1			
SECURITY CLASSIFICATION  UNCLASSIFIED						Captain, USAF	

DD FORM 173 MAY 55

REPLACES

OCT 49, WHICH WILL BE USED UNTIL EXHAUSTED



FEB 28 03 29 '59

14E.4  
2  
3 4/22

SUSPECTED DUPLICATE OF MESSAGE  
PREVIOUSLY RELEASED. CHECK  
BEFORE TAKING ACTION.

NNNN

RC038

CZCSQB399ZCJVE455

RR RJEDSQ

ZFD RJEZSU

CZCSUB032ZCSNA008

RR RJEZHQ RJEDSQ RJWRAL

DE RJEZSNQ 9

R 272045Z

FM COMDR 772D ACWON CLAYSBURG AFS PA

TO RJEZHQ/ASSISTANT CHIEF OF STAFF INTELLIGENCE HQ USAF WASH DC

RJEZHQ/OFFICE OF IN SERVICES HQ USAF WASH 25 DC

COMDR ADC ENT AFB COLO

RJEZSN/COMDR 26TH AACUSE AFS NY

RJEDSQ/COMDR ATIC WRIGHT PATTERSON

BT

/UNCLASSIFIED/OPS 02-327. IN REFERENCE TO UNCLASSIFIED 26TH ADIV

MESSAGE CIN 2116 DATED 262130Z AND UNCLASSIFIED AFCIN-4E4 2-332-E

OF 18 FEBRUARY 1959. FOLLOWING ADDITIONAL INFORMATION IS SUBMITTED.

A. LOGS AND RECORDS SHOW NO NIGHT MILITARY OPERATIONS BY THIS STA.

B. WX AT 0400Z

(1) PITTSBURGH 0 15 VIS

(2) YOUNGSTOWN 0 15 VIS

C. WX AT 1500Z

(1) PITTSBURGH 10 SCATTERED VIS 2 HK



PAGE TWO RJEZSNQ 9

(3) NIAGRA 420 SCATTERED 1200 BROKEN 7 VIS

D. NEW CUMBERLAND WX SERVICE LAUNCHED MORNING WX BALLOON WHICH WAS AT 20000 FEET AT APPROXIMATELY 0600Z WINDS 260 DEGREES/105K.

E. PITTSBURGH WX SERVICE LAUNCHED MORNING WEATHER BALLOON AT 1100Z DIAMETER OF BALLOON 5 FEET. LAUNCHED TO 56,625 FEET, TRAVELLED EASTERLY.

BT

27/2017Z FEB RJEZSNQ